

IN THE CLAIMS:

Please cancel claims 15-23 as shown below in the full set of all pending claims provided here for the examiners convenience.

- 1 1. A remote controlled air conditioning nozzle, comprising:
2 a housing;
3 an air nozzle, said air nozzle being spherically connected
4 into said housing, said air nozzle having an air
5 passageway with an input end and an output end, said
6 input end having an outer surface, conditioned air
7 enters said input end and exits said output end;
8 said air nozzle having a means for damping the volume of
9 air output;
10 at least one electric motor being provided, a means for
11 spherically changing the output direction of said air
12 nozzle being provided, said air nozzle having a means
13 for changing the volume of air output, said means for
14 spherically changing the output direction of the air
15 nozzle being propelled by at least one electric motor,
16 said means for changing the volume of air output also
17 being propelled by said at least one electric motor;
18 and
19 a remote control being provided, said remote control
20 directs said means for spherically changing the output
21 direction of said air nozzle and said means for
22 changing the volume of air output by said air nozzle.
- 1 2. The remote controlled air-conditioning nozzle of claim 1,
2 wherein said remote control being located near the seat
3 occupant.

1 3. The remote controlled air-conditioning nozzle of claim 1
2 further comprising an air supply line, said air supply line
3 brings air into said input end of said air nozzle.

1 4. The remote controlled air conditioning nozzle of claim 1,
2 wherein said outer surface of said input end of said air nozzle
3 having a spherical contour.

1 5. The remote controlled air conditioning nozzle of claim 1,
2 wherein said means for spherically changing the output direction
3 of said air nozzle further comprising at least one pivot hinge,
4 said at least one pivot hinge having a hinge pin and a hinge pin
5 receiver, said hinge pin being disposed on said outer surface of
6 said input end of said air nozzle, said hinge pin receiver being
7 disposed on said housing, said hinge pin being installed into
8 said hinge pin receiver such that said air nozzle can pivot on
9 said at least one pivot hinge.

1 6. The remote controlled air conditioning nozzle of claim 5,
2 wherein said housing having a sprocket, said sprocket having a
3 circular outer perimeter, gear teeth being evenly spaced around
4 said circular outer perimeter, said sprocket having a circular
5 inner perimeter, said sprocket having an upper surface and a
6 lower surface, said sprocket having at least one hinge pin
7 receiver located on said circular inner perimeter, said air
8 nozzle being located within said sprocket such that at least one
9 hinge pin being attached to said at least one hinge pin
10 receiver, said housing having a lower lip, said sprocket resting
11 on ball bearings sandwiched between said lower surface and said
12 lower lip of said housing, said sprocket being rotatable on said
13 ball bearings, said sprocket rotating about a vertical axis
14 running through the center of said sprocket, said sprocket

15 receiving rotational impetuous from said at least one electric
16 motor.

1 7. The remote controlled air conditioning nozzle of claim 6,
2 further comprising said outer surface of said input end of said
3 air nozzle having a first hinge pin and a second hinge pin, said
4 sprocket having a first hinge pin receiver and a second hinge
5 pin receiver, said second hinge pin receiver being vertically
6 offset from said first hinge pin receiver.

1 8. The remote controlled air conditioning nozzle of claim 1,
2 wherein said means for spherically changing the output direction
3 of said air nozzle further comprising at lease one groove pin
4 being disposed on said outer surface of said input end of said
5 air nozzle, at least one groove being disposed on said housing,
6 said air nozzle being positioned within said housing such that
7 said at least one groove pin slideably fits within said at least
8 one groove.

1 9. The remote controlled air conditioning nozzle of claim 8,
2 wherein said at least one groove being sinusoidal shaped.

1 10. The remote controlled air conditioning nozzle of claim 8,
2 wherein said at lease one groove pin having a biasing means to
3 push it into said at least one groove.

1 11. The remote controlled air conditioning nozzle of claim 10,
2 wherein said biasing means being a spring.

1 12. The remote controlled air conditioning nozzle of claim 1,
2 wherein said means for changing the volume of air output by said
3 air nozzle includes a damper flap, said damper flap having at
4 least one rotation hinge, said damper flap being sized and

5 shaped to rotate on said at least one rotation hinge to change
6 the volume of air entering said air nozzle.

1 13. The remote controlled air conditioning nozzle of claim 1,
2 wherein said means for spherically changing the output direction
3 of said air nozzle further comprising a bushing with a top
4 surface and a central receiving hole, a coupler being provided,
5 said coupler having a perimeter, a top surface, a bottom surface
6 and a central rotation shaft, said perimeter of said coupler
7 having gear teeth evenly disposed, said central rotation shaft
8 having a centerline, a drive shaft being attached to an engager,
9 said drive shaft having a centerline, said engager having a T
10 shape, said central rotation shaft being installed through a
11 biasing means into said central receiving hole, said biasing
12 means pushes against said bottom surface of said coupler and
13 said top surface of said bushing, said coupler having at least
14 one ramp with an end notch concentrically located on said top
15 surface near said perimeter, said engager being shaped, sized
16 and located such that said centerline of said drive shaft being
17 co-linear to said centerline of said central rotation shaft and
18 said engager being in contact with said at least one ramp, said
19 at least one ramp and end notch being disposed such that when
20 said engager being rotated in a first direction, said engager
21 locks against said end notch and rotates said coupler, said gear
22 teeth of said coupler engaging said gear teeth of said sprocket
23 to impart rotation into said sprocket, rotation of said sprocket
24 causes said air nozzle to rotate on said first hinge pin and
25 said second hinge pin and slide said at least one groove pin
26 along said at least one groove spherically rotating said air
27 nozzle, when said engager being rotated in a second direction,
28 said engager rides up said at least one ramp pushing said

29 coupler against said biasing means without locking against said
30 end notch, no rotation being imparted into said coupler.

1 14. The remote controlled air conditioning nozzle of claim 11,
2 said means for changing the volume of air output by said air
3 nozzle further comprising a bushing with a top surface and a
4 central receiving hole, a coupler being provided, said coupler
5 having a perimeter, a top surface, a bottom surface and a
6 central rotation shaft, said perimeter of said coupler having
7 evenly disposed gear teeth, a drive shaft being attached to an
8 engager, said drive shaft having a centerline, said engager
9 having a T shape, said central rotation shaft being installed
10 through said biasing means and into and through said central
11 receiving hole, said biasing means pushes against said bottom
12 surface of said coupler and against said top surface of said
13 bushing, said coupler having at least one ramp with an end notch
14 concentrically located on said top surface near said perimeter,
15 said engager being shaped, sized and located such that said
16 centerline of said drive shaft being co-linear to said
17 centerline of said central rotation shaft and said engager being
18 in contact with said at least one ramp, said at least one ramp
19 and end notch being disposed such that when said engager being
20 rotated in a second direction, said engager locks against said
21 end notch and rotates said coupler, a flexible shaft being
22 connected to the end of the said central rotation shaft sticking
23 out through said central receiving hole of said bushing, said
24 flexible shaft being connected concentrically to said at least
25 one rotation pivot hinge of said damper flap, rotation of said
26 central rotation shaft results in a change in the volume of air
27 output by said air nozzle, when said engager being rotated in
28 the opposite direction, said engager pushes against said at
29 least one ramp pushing said coupler against said biasing means